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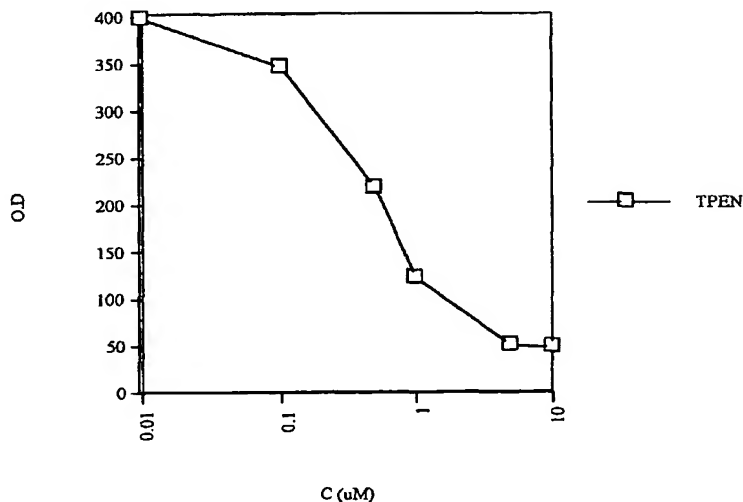
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(54) Title: PHARMACEUTICAL COMPOSITIONS FOR INHIBITING METAL ION DEPENDENT ENZYMIC ACTIVITY AND METHODS FOR THE USE THEREOF

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(57) Abstract: Methods for inhibiting metalloprotease activity; treating a pathological condition influenced by the action of MMP; treating a pathological condition influenced by cyclooxygenases, endonucleases, metalloproteinases and 5-epoxigenase; treating a pathological condition for which the presence of a metal ion is required; inhibiting the lethal factor produced by toxigenic strains of antrax; inhibiting activities of fungi, bacteria or plants that utilize zinc-dependent methionine synthetase; inhibiting the activity of a zinc-dependent enzyme in prokaryotic systems; and inhibiting the activity of zinc-dependent enzymes; and compositions thereof, are disclosed.



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